

Claims

1. A method for protected transmission of a data signal over synchronous data networks, wherein a data signal is subdivided
5 into a plurality of virtually linked partial signals which are transmitted over a plurality of data channels,
c h a r a c t e r i z e d i n t h a t
at least one data channel more than is required is used for transmitting a data signal,
10 the data signal is subdivided into partial signals transported at a lower data rate and transmitted over all data channels, and
if there is a problem with a data channel or a plurality of data channels the data signal will be subdivided again and allocated to the remaining data channels.
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2. The method as claimed in claim 1,
c h a r a c t e r i z e d i n t h a t
the partial signals or groups of partial signals or the data channels or groups of data channels are transmitted over
20 different physical connections.
3. The method as claimed in claim 1 or 2,
c h a r a c t e r i z e d i n t h a t
the signal quality of each partial signal is determined
25 individually and if at least one of the partial signals falls below a predefined quality threshold value, following appropriate feedback the partial signal in question is removed or disabled at the transmit and receive end.